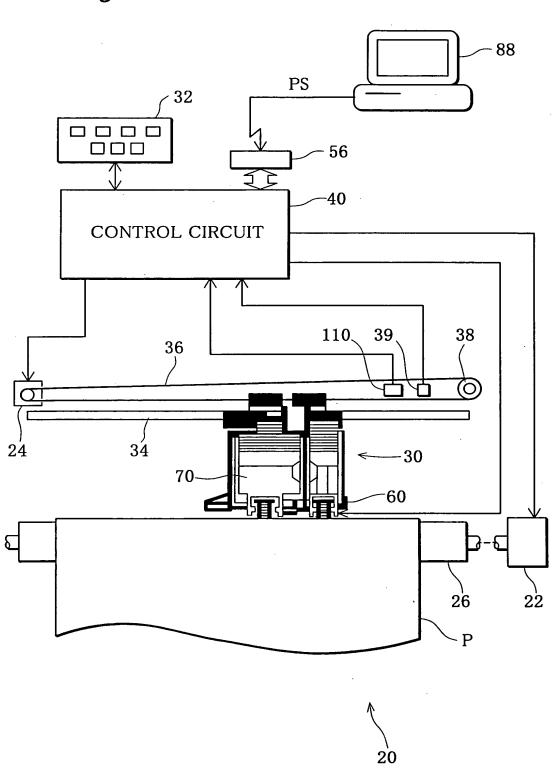
Fig.1



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Fig.2

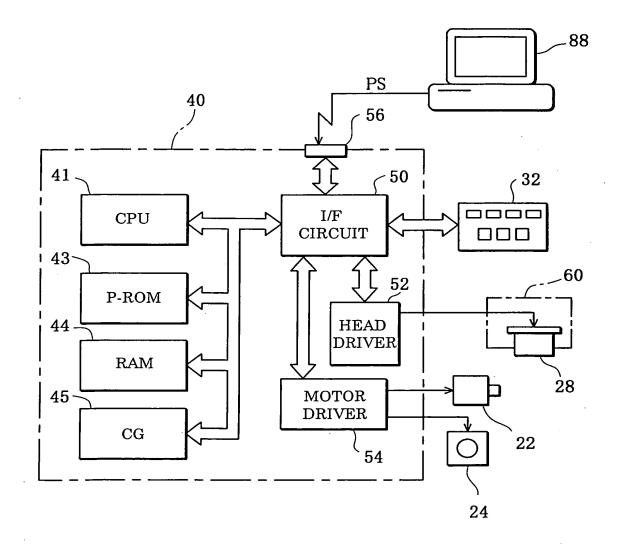
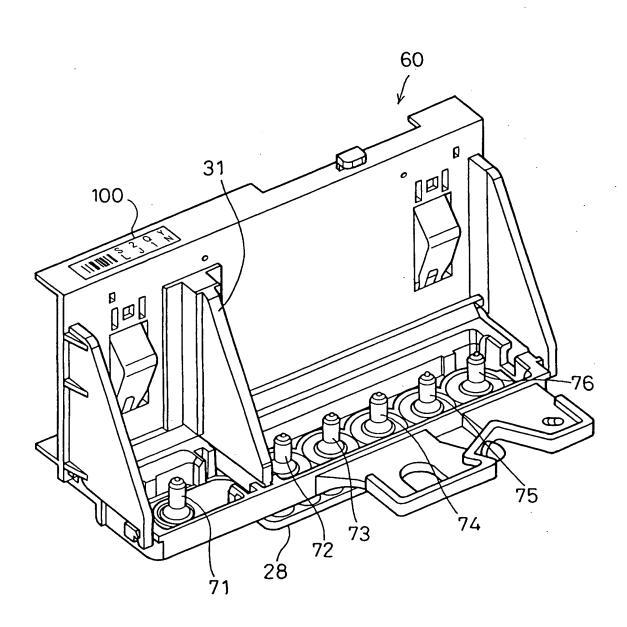


Fig.3



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Fig.4

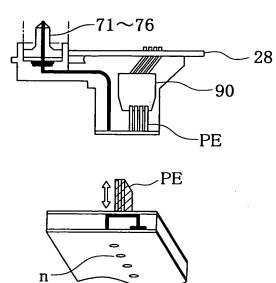
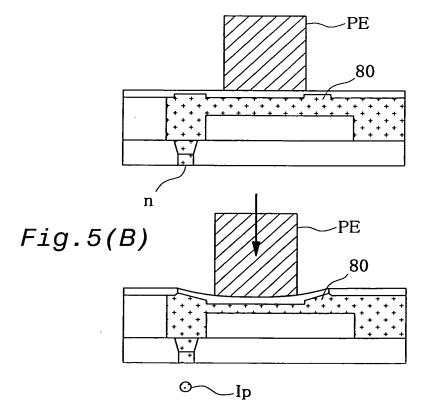


Fig.5(A)



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Fig.6

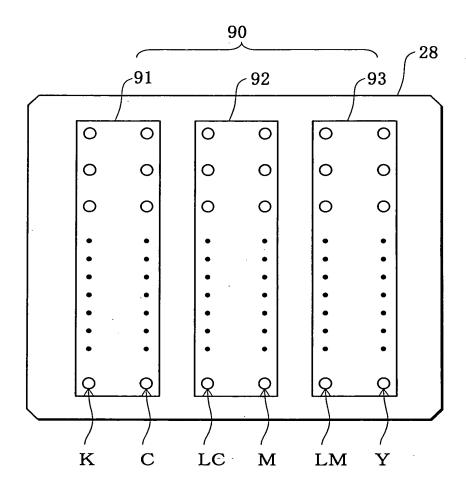
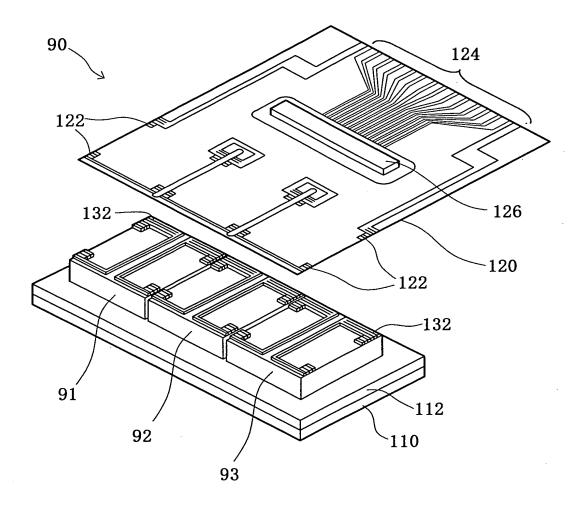
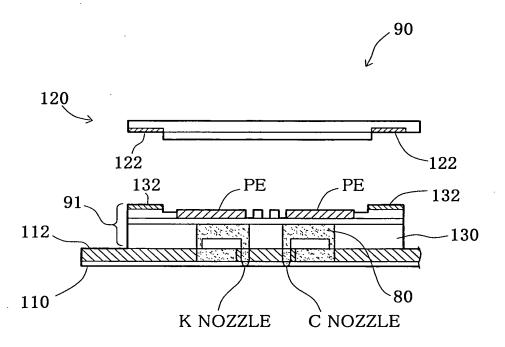


Fig.7



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Fig.8



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Fig.9

## POSITIONAL DEVIATION DURING BI-DIRECTIONAL PRINTING FOR DOTS OF DIFFERENT INKS

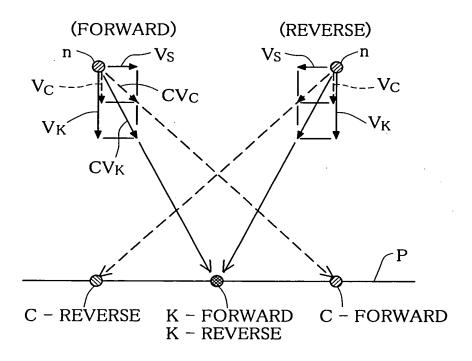


Fig. 10

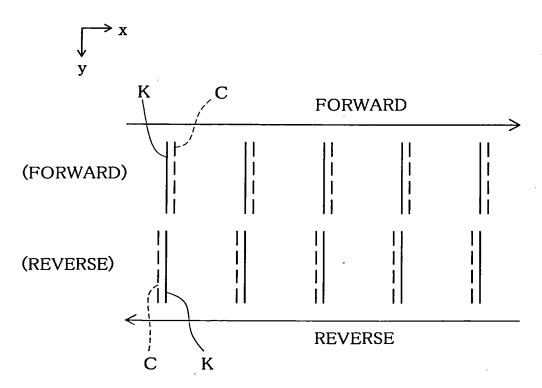


Fig. 11

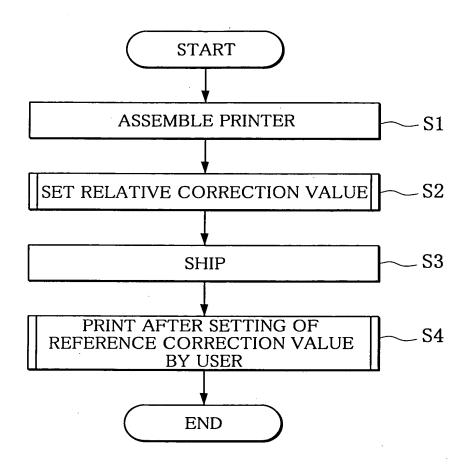
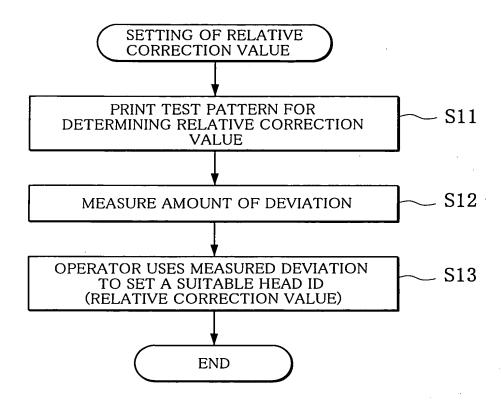


Fig. 12



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Fig. 13

## TEST PATTERN FOR DETERMINING RELATIVE CORRECTION VALUE

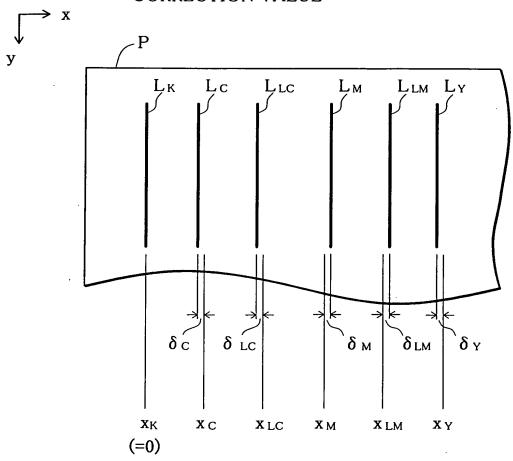
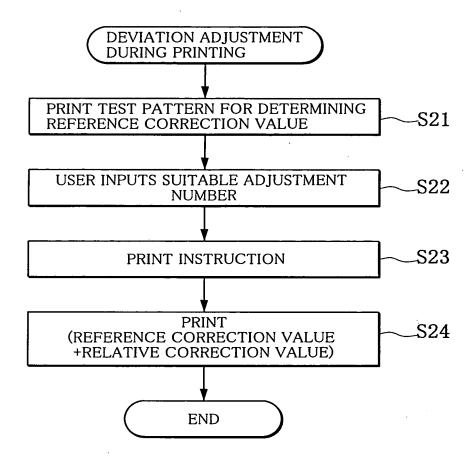


Fig. 14

HEAD ID	Δ ( μ m)
1	-35. 0
2	-17.5
3	0
4	+17.5

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Fig. 15



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Fig. 16

## TEST PATTERN FOR DETERMINING REFERENCE CORRECTION VALUE

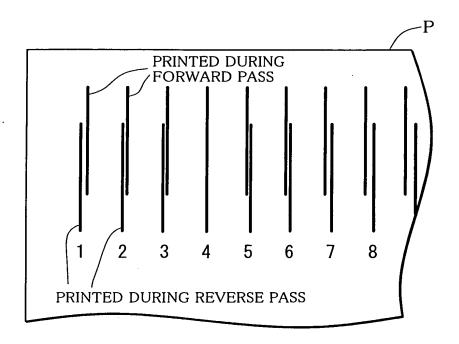
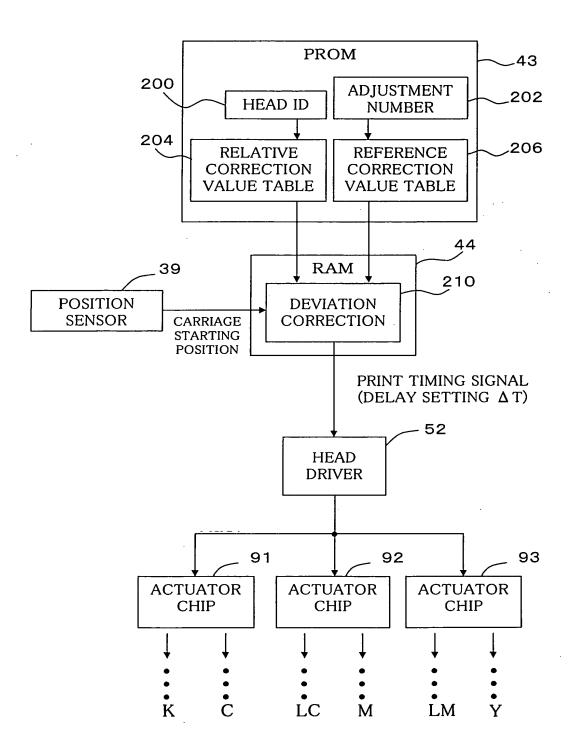


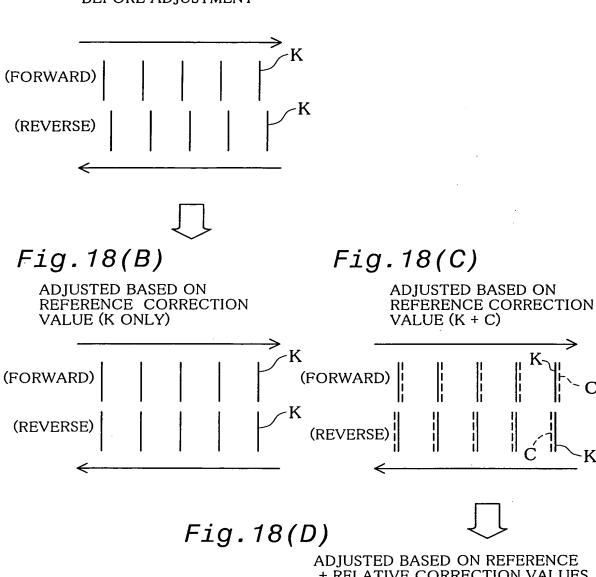
Fig.17



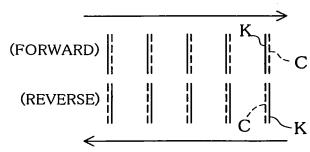
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### Fig. 18(A)

**BEFORE ADJUSTMENT** 



+ RELATIVE CORRECTION VALUES (K + C)



K DOTS AND C DOTS ARE THE TARGET OF ADJUSTMENT (RELATIVE CORRECTION VALUE  $\Delta = -\delta c$ )

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#### Fig. 19(A)

#### BEFORE ADJUSTMENT

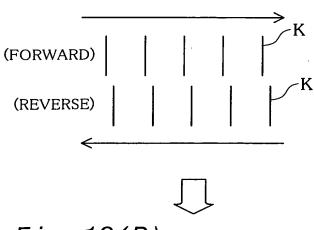


Fig. 19(B)

ADJUSTED BASED ON REFERENCE CORRECTION VALUE (K (BLACK) ONLY)

### Fig. 19(C)

ADJUSTED BASED ON REFERENCE CORRECTION VALUE (K + C)

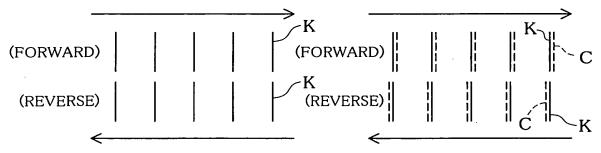
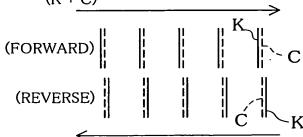


Fig. 19(D)



ADJUSTED BASED ON REFERENCE + RELATIVE CORRECTION VALUES (K + C)



C DOTS ARE THE TARGET OF ADJUSTMENT (RELATIVE CORRECTION VALUE  $\Delta = -2 \delta c$ )

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Fig.20

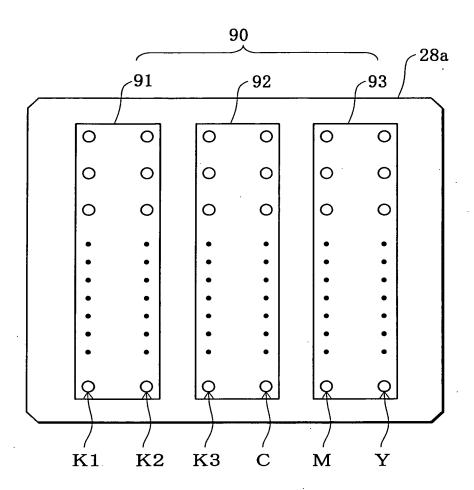
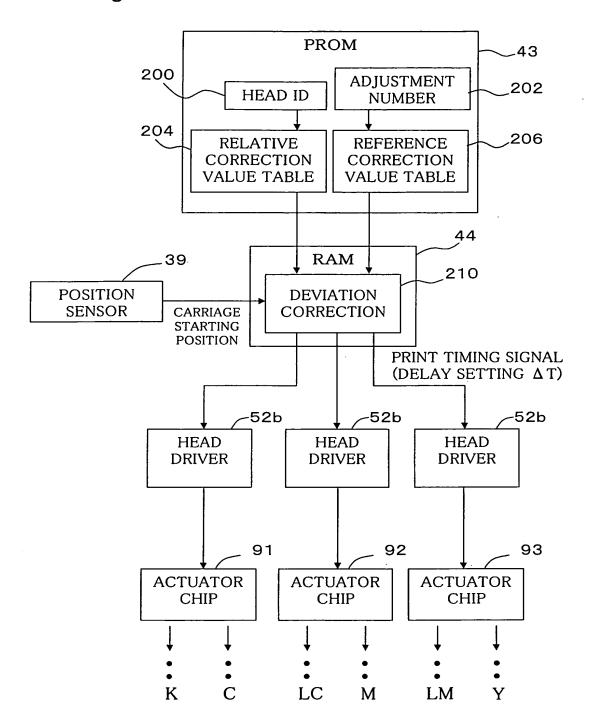
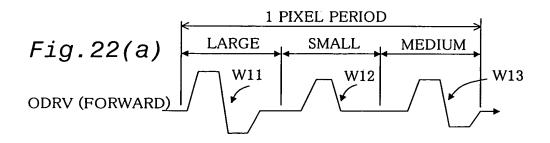


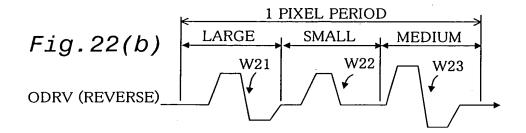
Fig. 21



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#### WAVEFORMS OF BASE DRIVE SIGNAL IN THIRD EMBODIMENT





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Fig.23

#### THIRD EMBODIMENT

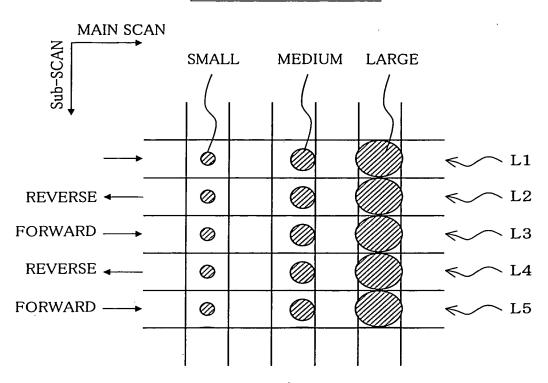


Fig.24

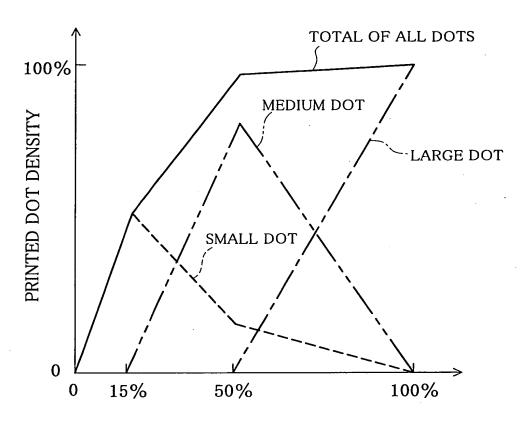
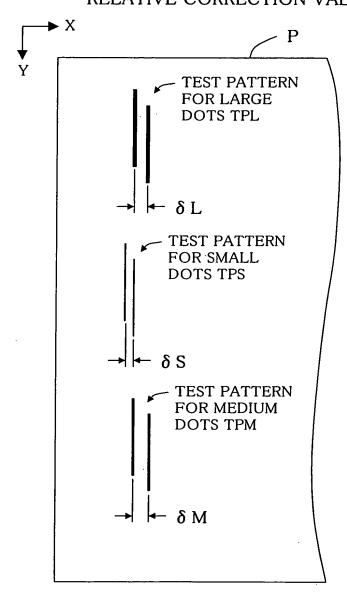


IMAGE SIGNAL LEVEL (TONE VALUE)

Fig. 25

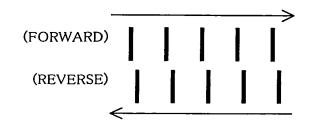
TEST PATTERN FOR DETERMINING RELATIVE CORRECTION VALUES



RELATIVE CORRECTION VALUE FOR SMALL DOTS:  $\Delta$  S = ( $\delta$  S- $\delta$  L) RELATIVE CORRECTION VALUE FOR MEDIUM DOTS:  $\Delta$  M = ( $\delta$  M- $\delta$  L)

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# Fig. 26 (A) BEFORE ADJUSTMENT (LARGE DOTS)



### Fig.26(B)

Fig. 26(C)

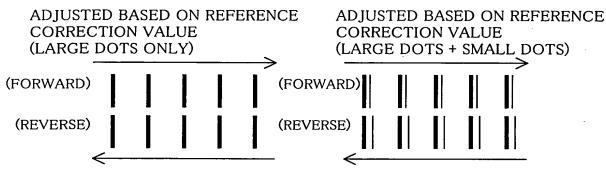
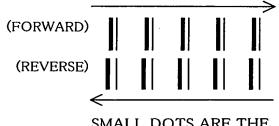


Fig. 26(D)

ADJUSTED BASED ON REFERENCE + RELATIVE CORRECTION VALUES (LARGE DOTS + SMALL DOTS)



SMALL DOTS ARE THE TARGET OF ADJUSTMENT